

## **KINEMATIC QUANTIFICATION OF GAIT ASYMMETRY BASED ON BILATERAL CYCLOGRAMS**

### **ABSTRACT OF THE INVENTION**

Kinematic quantification of gait asymmetry is achieved by plotting the values of the angles of corresponding joints and then comparing the resulting figure to the figure that would have been produced based on a perfectly symmetrical gait. The comparison is based on geometric characteristics that are calculated based on the figures.